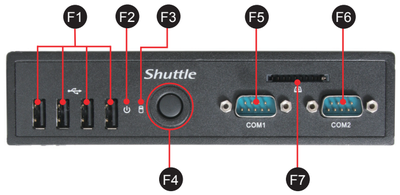
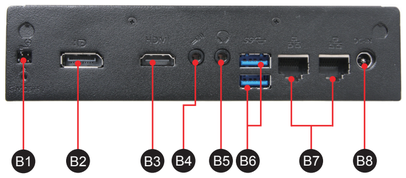
DS57U Quick Guide【 English 】

Front Panel



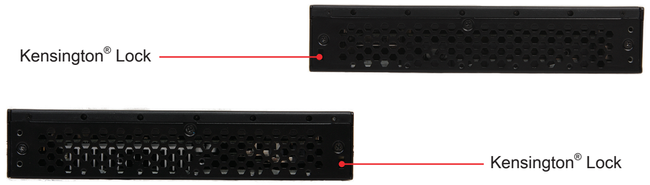
F1. USB2.0 Ports x4
F2. Power LED
F3. HDD LED
F4. Power Button
F5. COM 1 :
Support RS232/RS422/RS485
F6. COM 2 :
Support RS232
F7. SD Card Reader

Back Panel

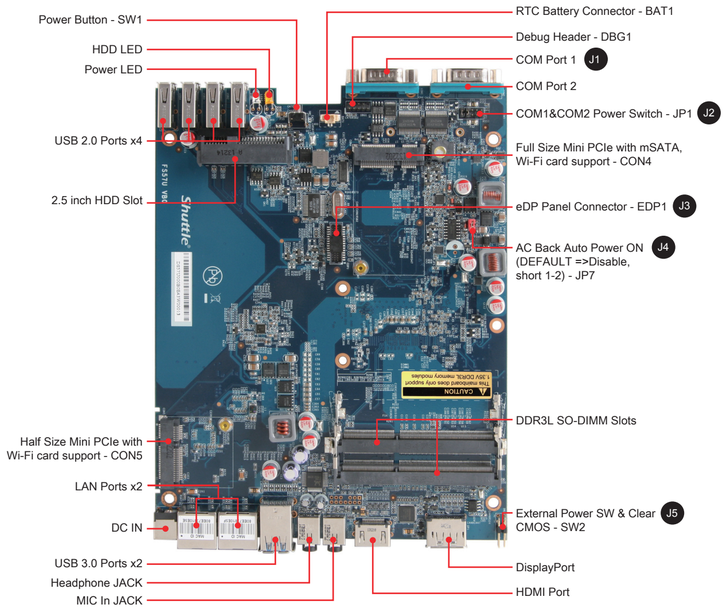


B1. External Power & Clear CMOS
(Pin definition J5)
B2. DisplayPort
B3. HDMI Port
B4. MIC In Jack
B5. Headphone Jack
B6. USB3.0 Ports x2
B7. LAN Ports x2
B8. DC IN

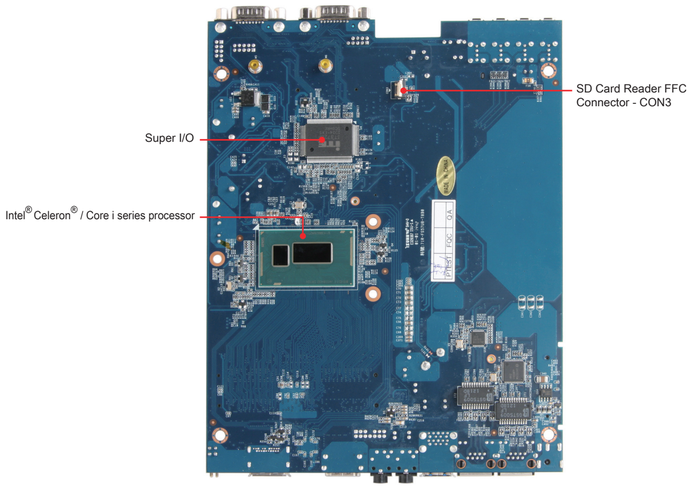
Left / Right Panel



Motherboard Illustration Front



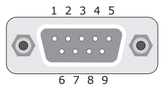
Motherboard Illustration Back



Jumper Settings

J1 COM Port 1

RS-232, RS-422, RS-485 switch by BIOS setting



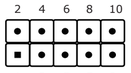
COM1 (RS232)			
Pin	Signal Name	Pin	Signal Name
1	DCD	2	RX
3	TX	4	DTR
5	GND	6	DSR
7	RTS+	8	CTS+
9	RI-		

COM1 (RS422)			
Pin	Signal Name	Pin	Signal Name
1	TXD-	2	TXD+
3	RXD-	4	RXD+
5	GND	6	---
7	---	8	---
9	RI-		

COM1 (RS485)			
Pin	Signal Name	Pin	Signal Name
1	Data-	2	Data+
3	---	4	---
5	GND	6	---
7	---	8	---
9	RI-		

J2 COM1&COM2 Power Switch

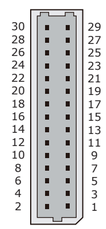
Support RS232 Back panel
Independent External Power 12V / 5V
JUMP1 Connector Pin 1-2 = RI1 Signal Enable.
JUMP2 Connector Pin 3-4 = RI2 Signal Enable.
IF JUMP1 Connector Pin 5-7 = RI1 is VCC (5V)
IF JUMP2 Connector Pin 6-8 = RI2 is VCC (5V)
IF JUMP1 Connector Pin 7-9 = RI1 is 12V
IF JUMP2 Connector Pin 8-10 = RI2 is 12V



JP1			
Pin	Signal Name	Pin	Signal Name
1	-XRI1	2	COM_-XRI1
3	-XRI2	4	COM_-XRI2
5	+5V	6	+5V
7	COM1_PWR	8	COM2_PWR
9	+12V	10	+12V

J3 eDP panel connector

EDP1					
Pin	Signal Name	Pin	Signal Name	Pin	Signal Name
1	BKLTEN_R	2	INV_PWR_SRC	3	GND
4	INV_PWR_SRC	5	EDP_TX0_N	6	INV_PWR_SRC
7	EDP_TX0_P	8	INV_PWR_SRC	9	GND
10	GND	11	EDP_TX1_N	12	GND
13	EDP_TX1_P	14	EDP_HPD_G	15	GND
16	GND	17	EDP_TX2_N	18	EDP_TX3_N
19	EDP_TX2_P	20	EDP_TX3_P	21	GND
22	GND	23	PANEL_VDD	24	EDP_AUX_N
25	PANEL_VDD	26	EDP_AUX_P	27	PANEL_VDD
28	LCD_SELF_TEST	29	GND	30	EDP_BKL_CTL

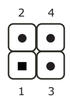


J4 AC Back Auto Power ON

DEFAULT =>Disable, short 1-2

JP7	
Pin	Signal Name
1	U26C_pin10
2	GND

J5 External Power SW & Clear CMOS



SW2	
Pin	Signal Name
1	PWRSW-
2	+5V
3	GND
4	RTC_RST#

Note

Pin	Function
1+3	Power Button
3+4	Clear CMOS

➢ Safety Information

Read the following precautions before setting up a Shuttle XPC.

CAUTION
Incorrectly replacing the battery may damage this computer. Replace only with the same or equivalent as recommended by Shuttle.
Dispose of used batteries according to the manufacturer's instructions.

A. Begin Installation

⚠ For safety reasons, please ensure that the power cord is disconnected before opening the case.

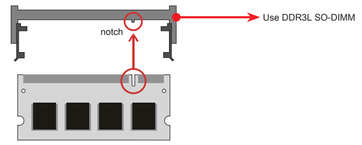
1. Unscrew two screws of the chassis cover.

2. Slide the cover forwards and upwards.

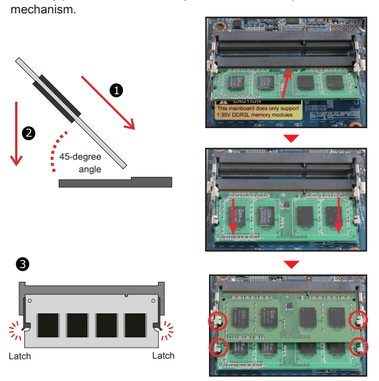
B. Memory Module Installation

⚠ This mainboard does only support 1.35V DDR3L memory modules.

1. Locate the SO-DIMM slot on the mainboard.
2. Align the notch of the memory module with the one of the memory slot.



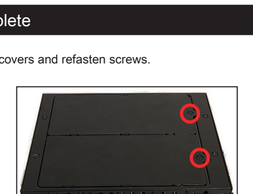
3. Gently insert the module into the slot in a 45-degree angle.
4. Carefully push down the memory module until it snaps into the locking mechanism.



5. Repeat above steps to install additional memory modules, if required.

C. Component Installation

1. Unscrew the rack from chassis.



2. Place the HDD in the rack and secure with two screws from the side.

3. Put the HDD in the chassis and push toward right until it insert into HDD slot.

4. Refasten screws.

D. Complete

1. Replace covers and refasten screws.

2 . Complete.

⚠ Please load the optimized BIOS setting.

⚠ Operation Position:
Please make sure to use either the supplied feet or the VESA mount.